



Appendix B

RF Test Data for BT LE (Conducted Measurement)

Product Name: PineTab-V tablet

Test Model: PINETAB-V

Environmental Conditions

Temperature:	23.8 ° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Nick Peng
	<i>Nick Peng</i>
Supervised by:	Ling Zhu
	<i>Ling Zhu</i>





B.1 -6dB Bandwidth

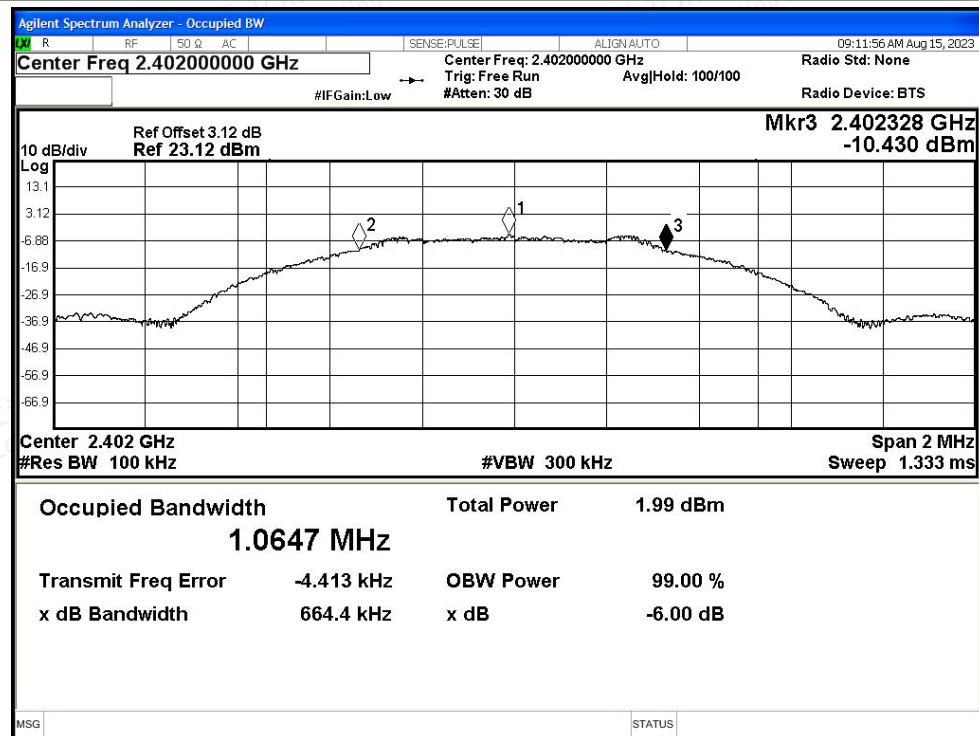
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.664	≥ 0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.689	≥ 0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.666	≥ 0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.166	≥ 0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.134	≥ 0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.245	≥ 0.5	Pass



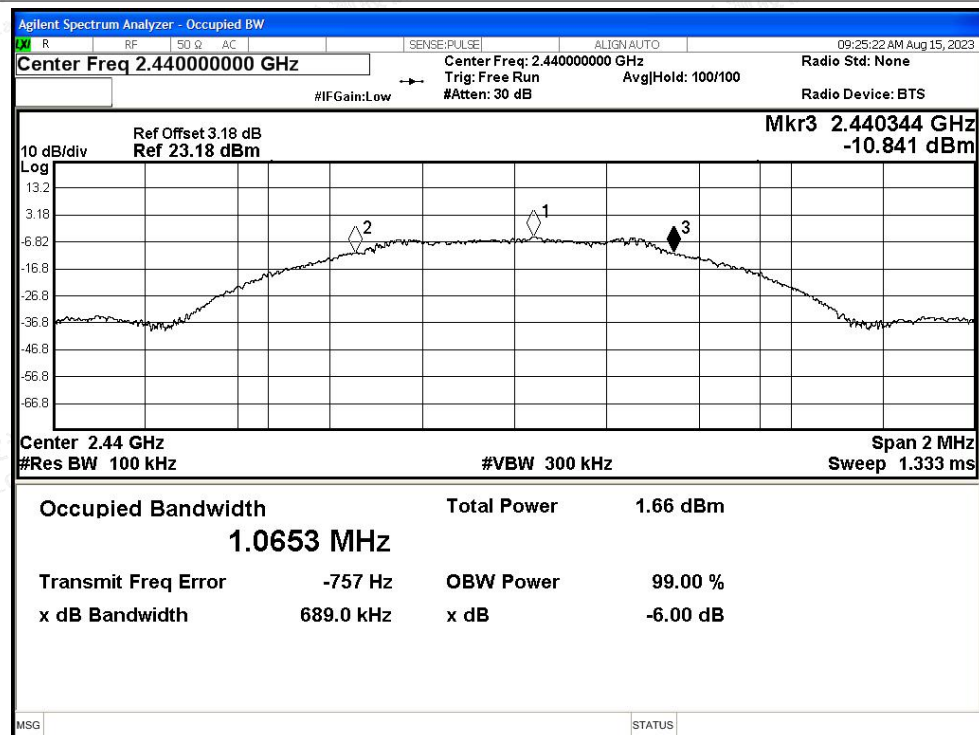


Test Graphs

-6dB Bandwidth NVNT BLE 1M 2402MHz Ant1



-6dB Bandwidth NVNT BLE 1M 2440MHz Ant1



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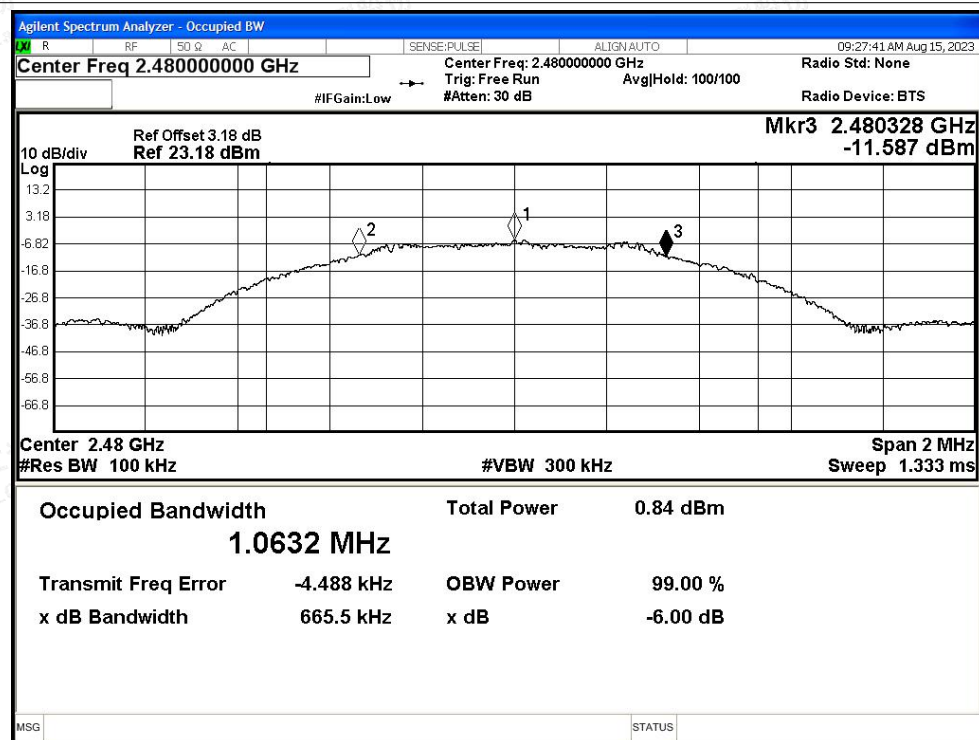
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

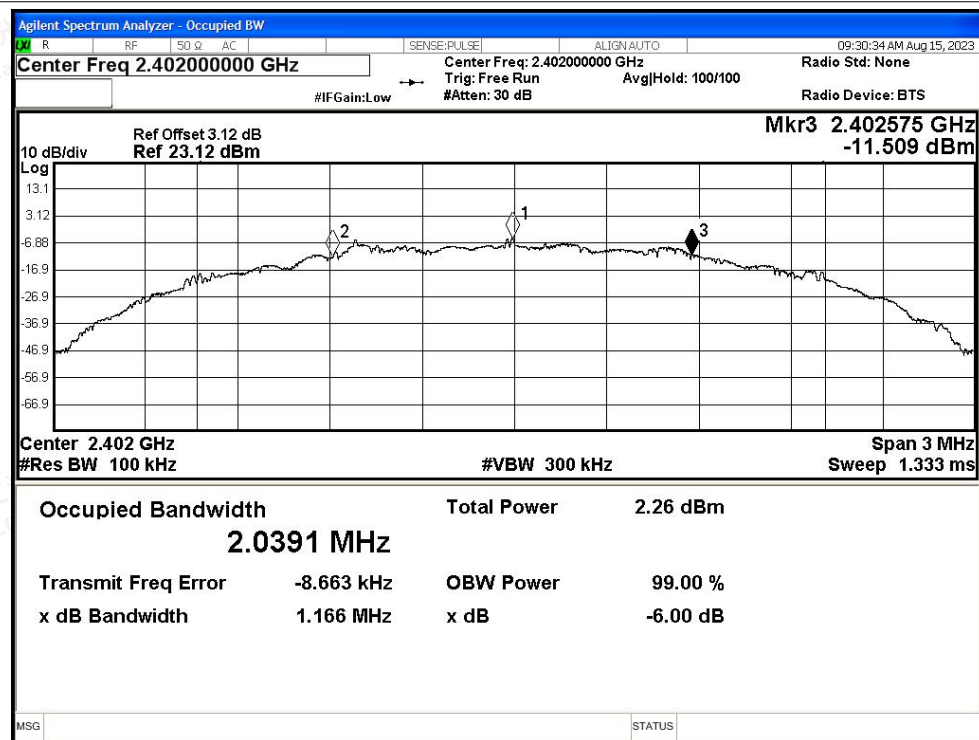
Scan code to check authenticity



-6dB Bandwidth NVNT BLE 1M 2480MHz Ant1



-6dB Bandwidth NVNT BLE 2M 2402MHz Ant1



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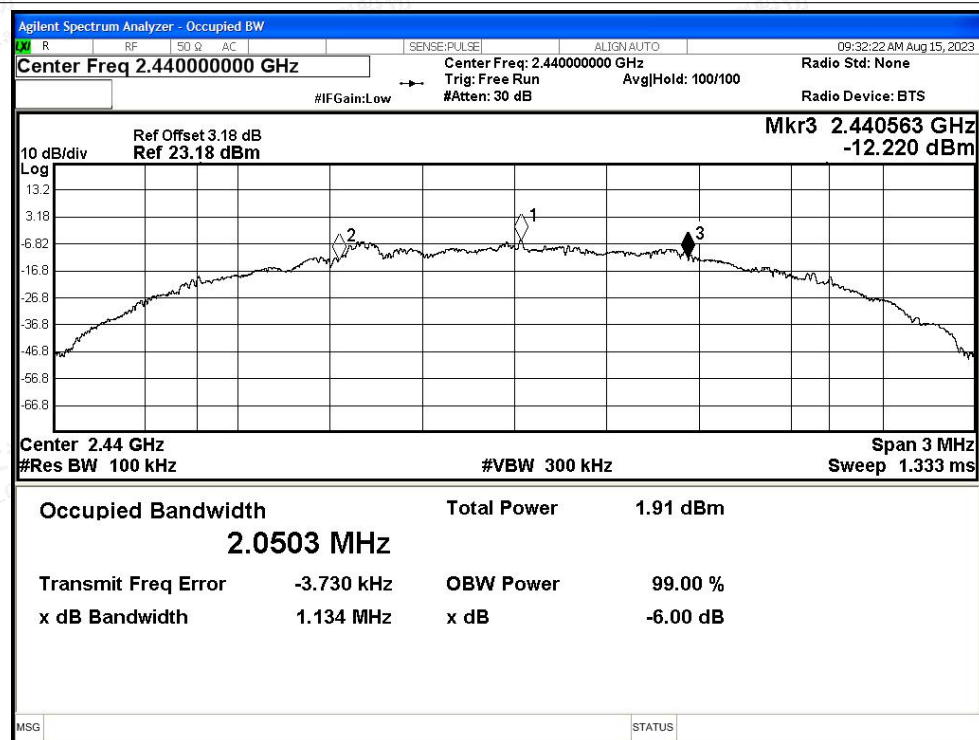
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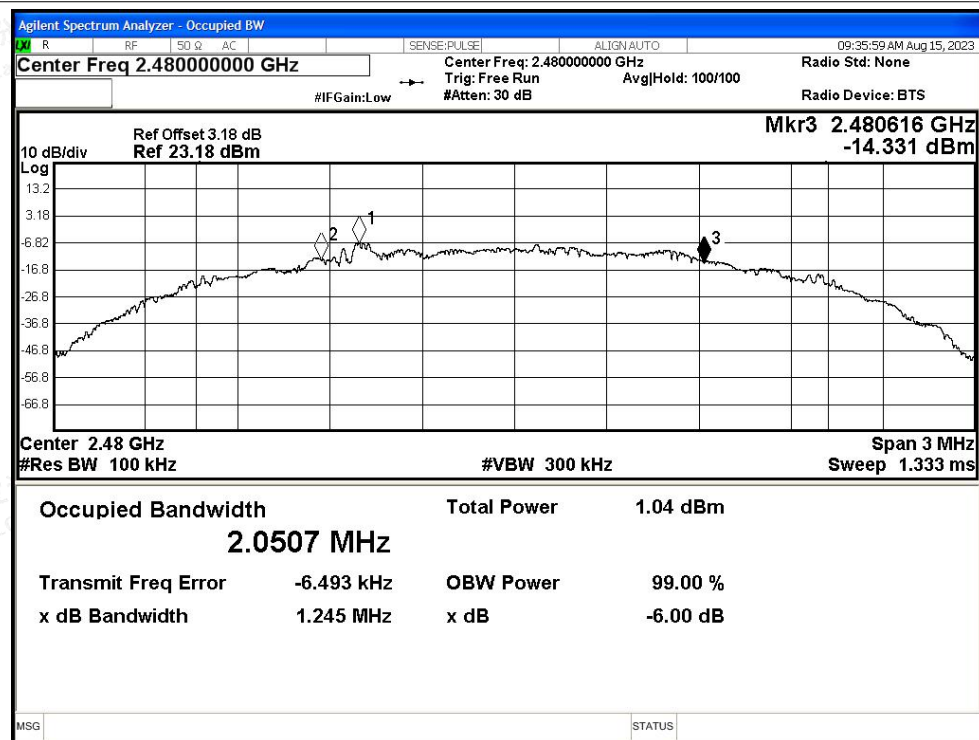
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-6dB Bandwidth NVNT BLE 2M 2440MHz Ant1



-6dB Bandwidth NVNT BLE 2M 2480MHz Ant1



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B.2 Maximum Conducted Output Power

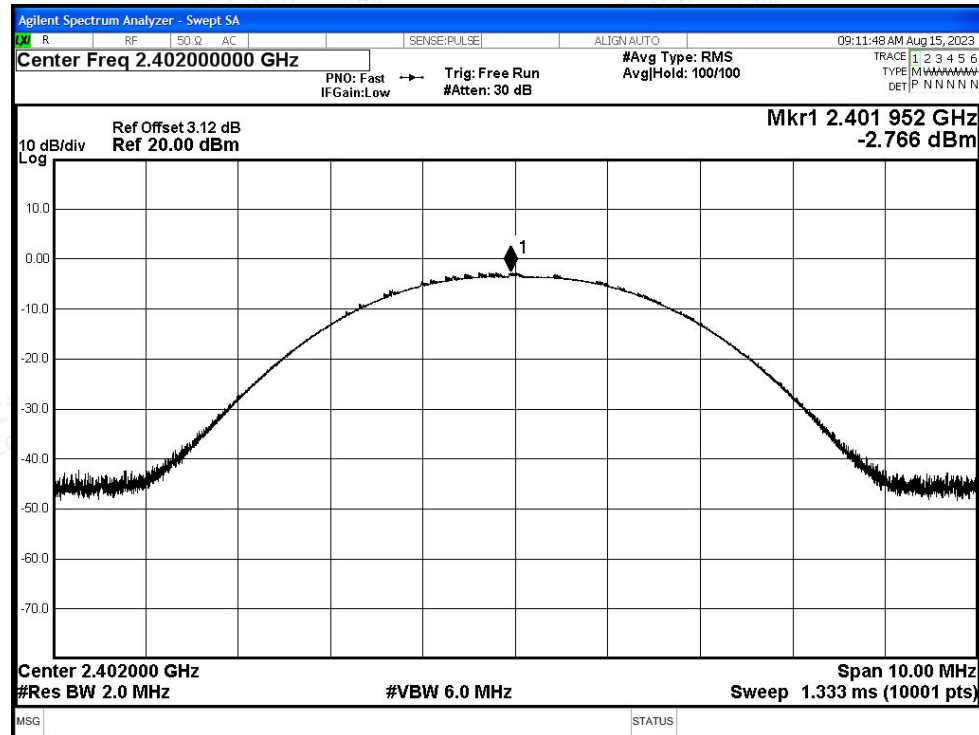
Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-2.77	30	Pass
NVNT	BLE 1M	2440	Ant1	-3.14	30	Pass
NVNT	BLE 1M	2480	Ant1	-3.87	30	Pass
NVNT	BLE 2M	2402	Ant1	-3.39	30	Pass
NVNT	BLE 2M	2440	Ant1	-3.72	30	Pass
NVNT	BLE 2M	2480	Ant1	-4.5	30	Pass



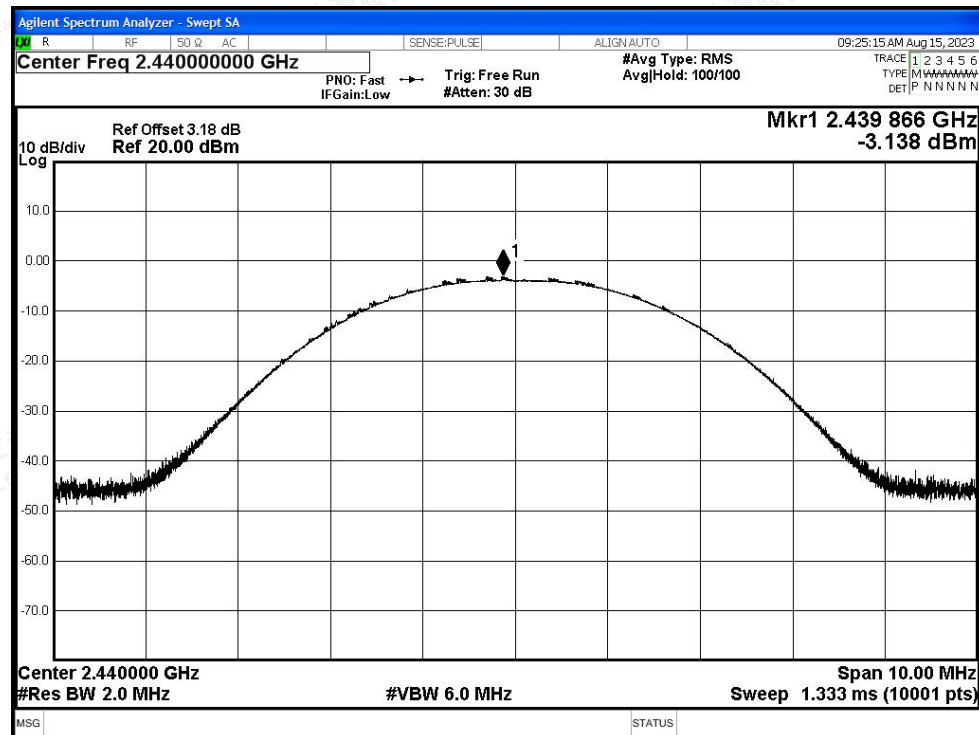


Test Graphs

Power NVNT BLE 1M 2402MHz Ant1



Power NVNT BLE 1M 2440MHz Ant1

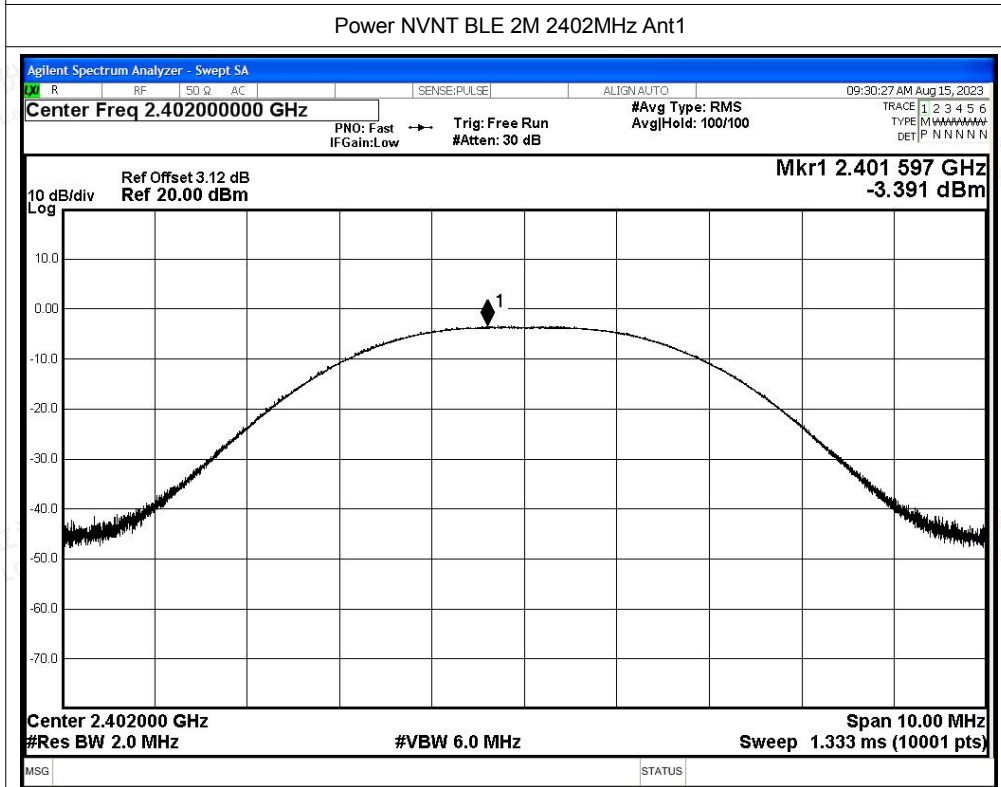
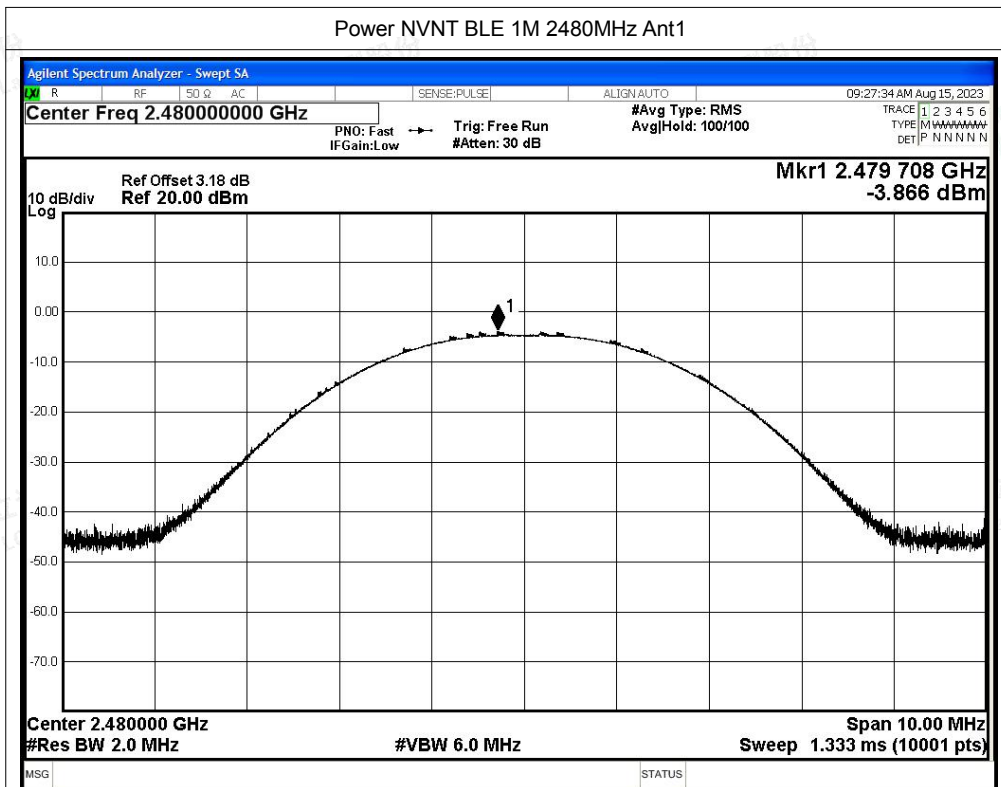


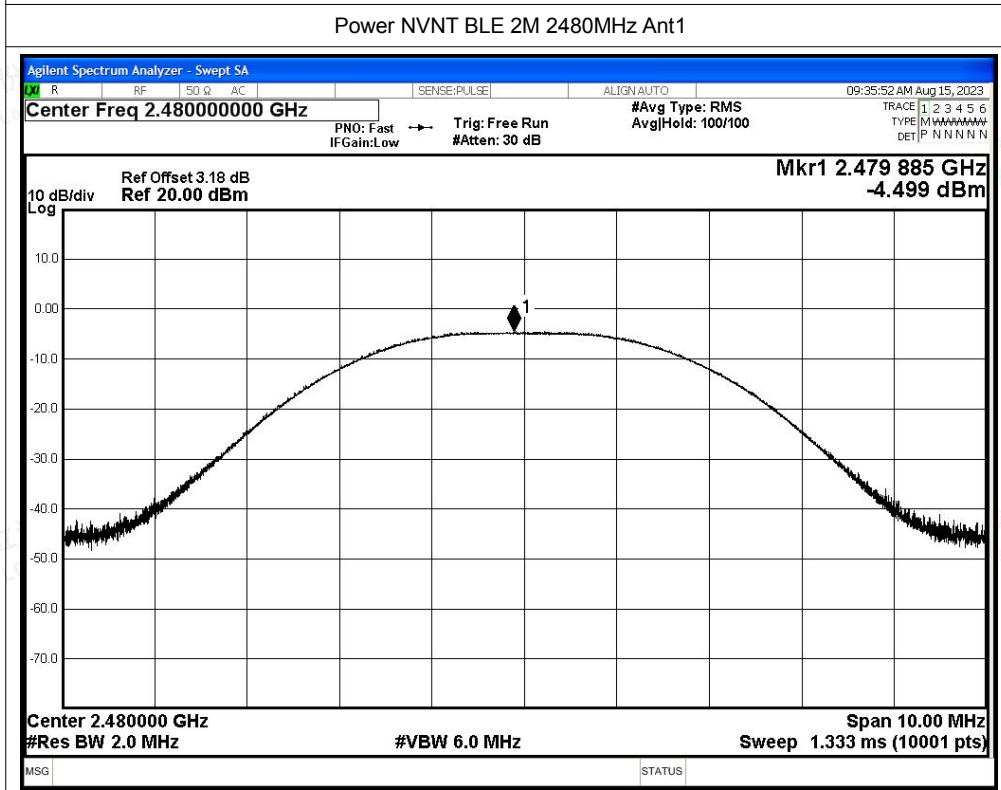
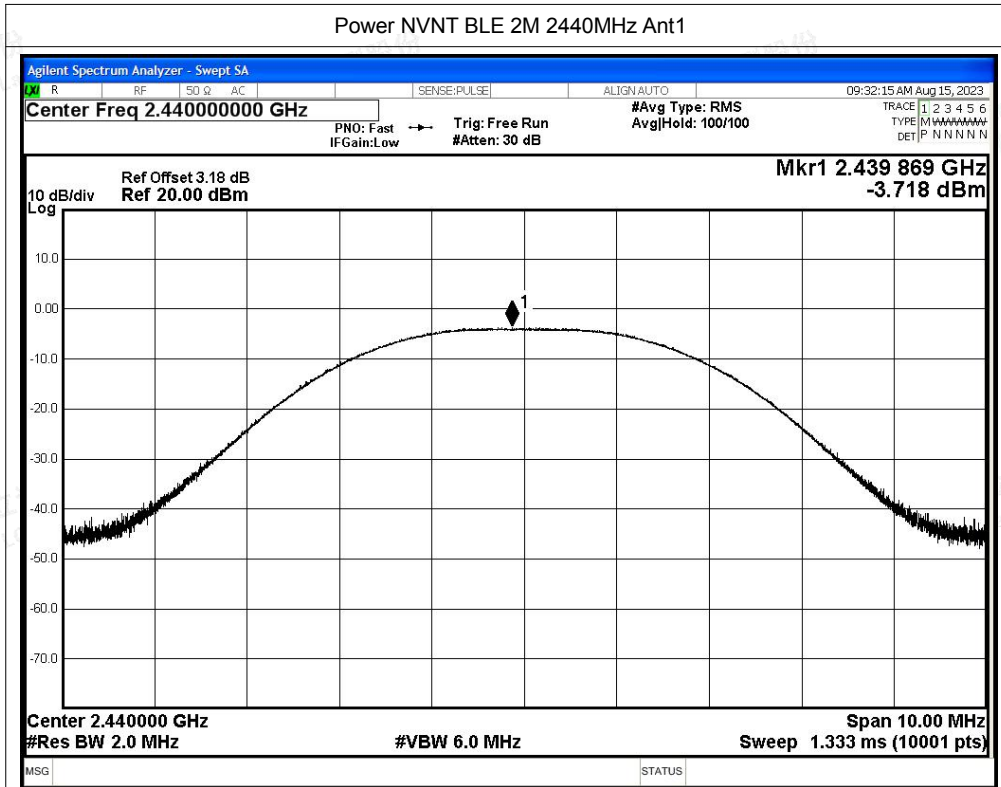
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B.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-19.01	8	Pass
NVNT	BLE 1M	2440	Ant1	-19.93	8	Pass
NVNT	BLE 1M	2480	Ant1	-21.25	8	Pass
NVNT	BLE 2M	2402	Ant1	-22.79	8	Pass
NVNT	BLE 2M	2440	Ant1	-23.64	8	Pass
NVNT	BLE 2M	2480	Ant1	-24.04	8	Pass



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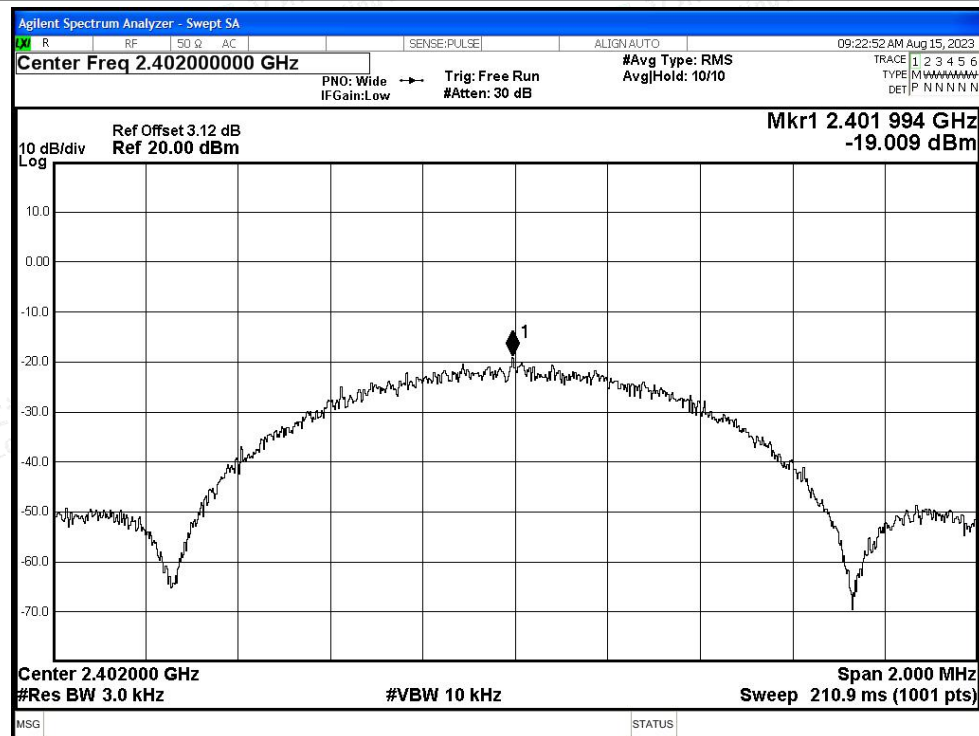
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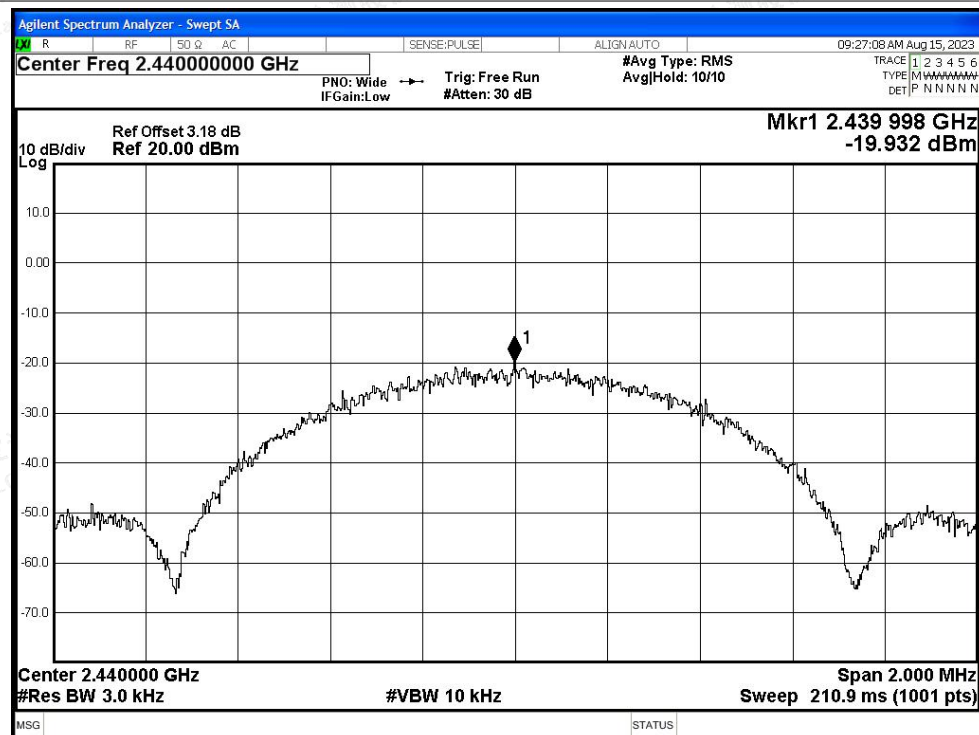


Test Graphs

PSD NVNT BLE 1M 2402MHz Ant1



PSD NVNT BLE 1M 2440MHz Ant1

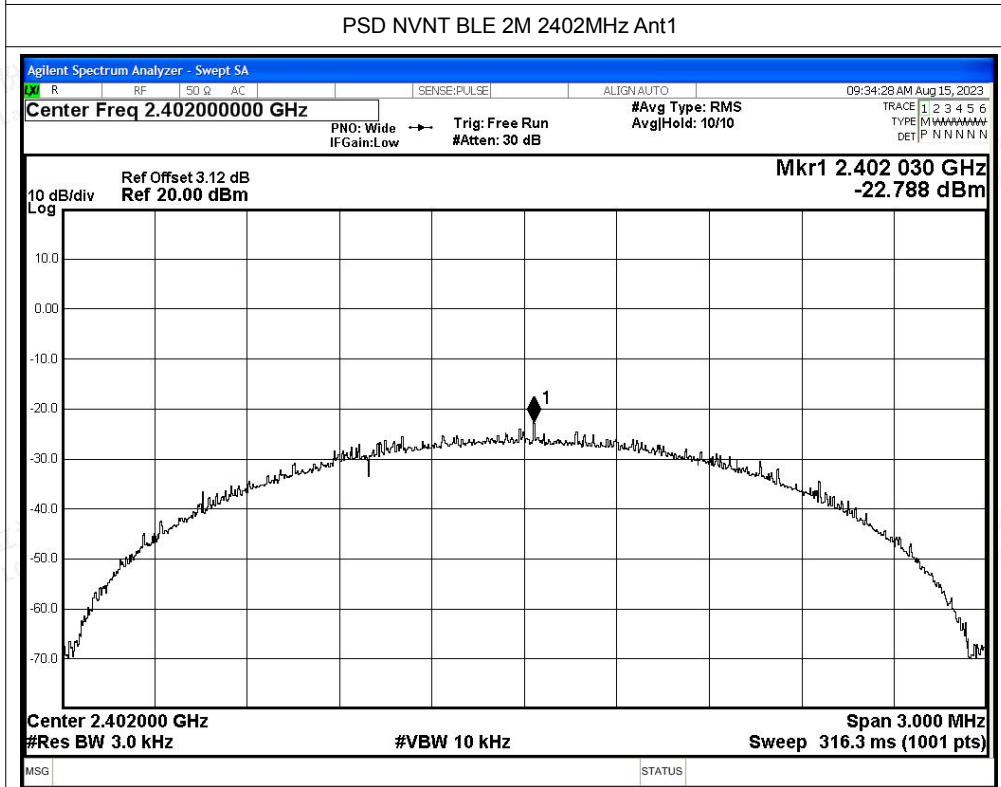
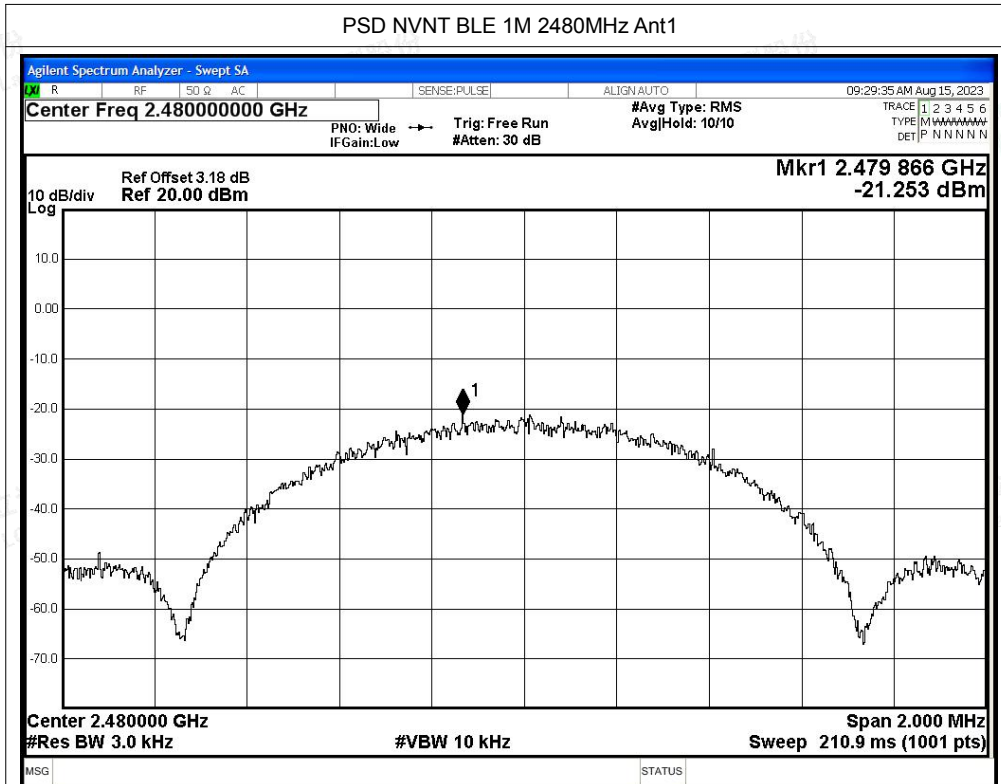


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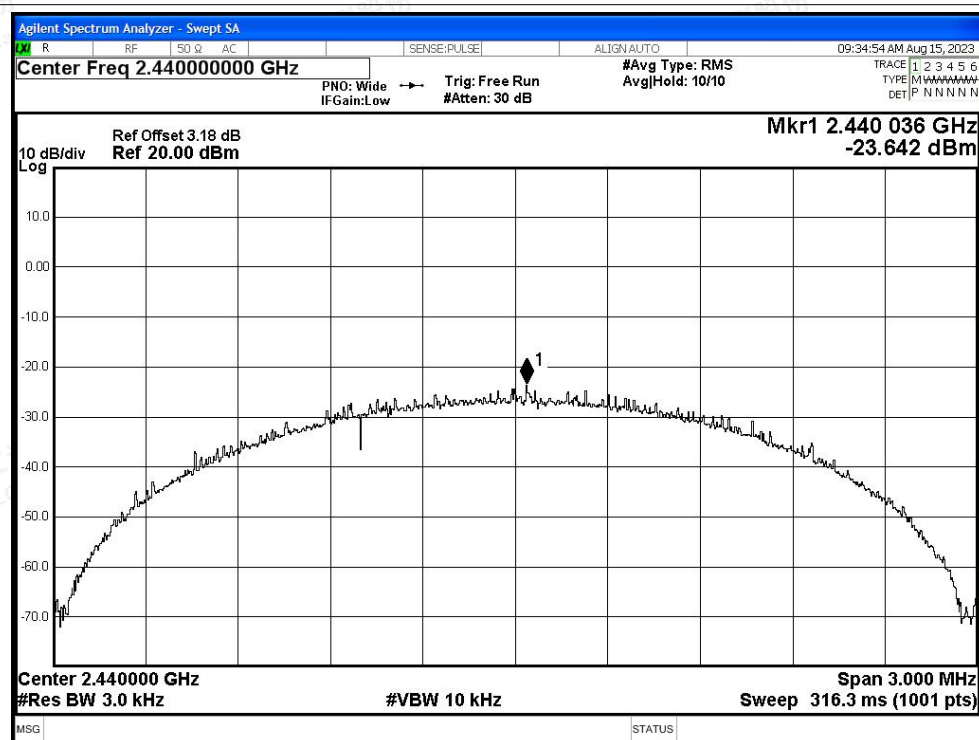
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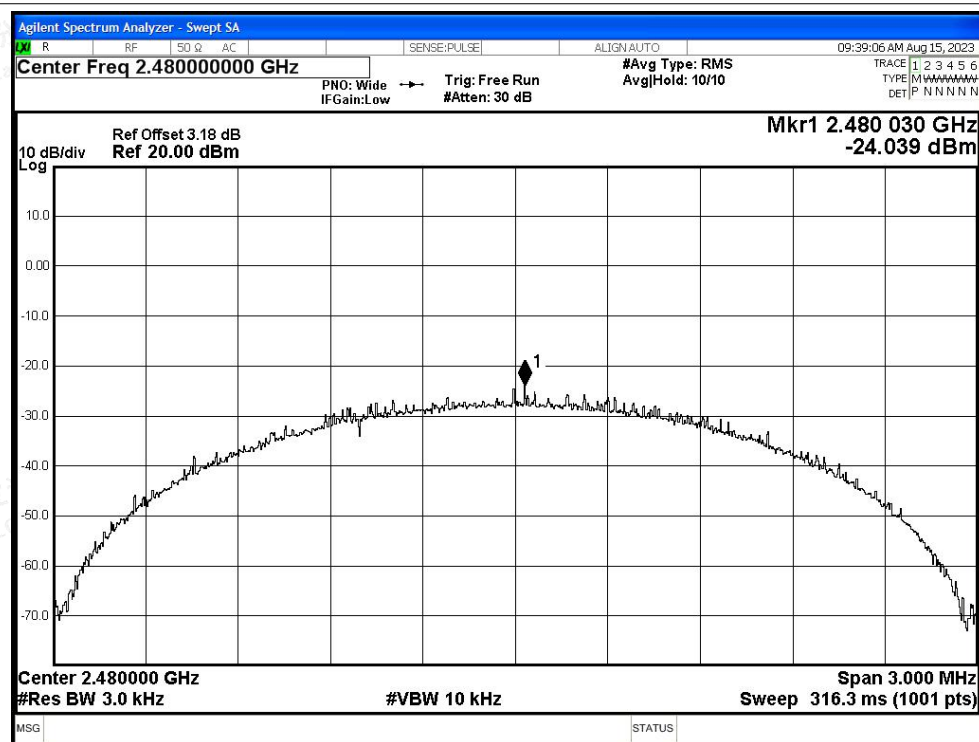
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PSD NVNT BLE 2M 2440MHz Ant1



PSD NVNT BLE 2M 2480MHz Ant1



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B.4 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-46.05	-20	Pass
NVNT	BLE 1M	2480	Ant1	-47.43	-20	Pass
NVNT	BLE 2M	2402	Ant1	-35.09	-20	Pass
NVNT	BLE 2M	2480	Ant1	-46.55	-20	Pass



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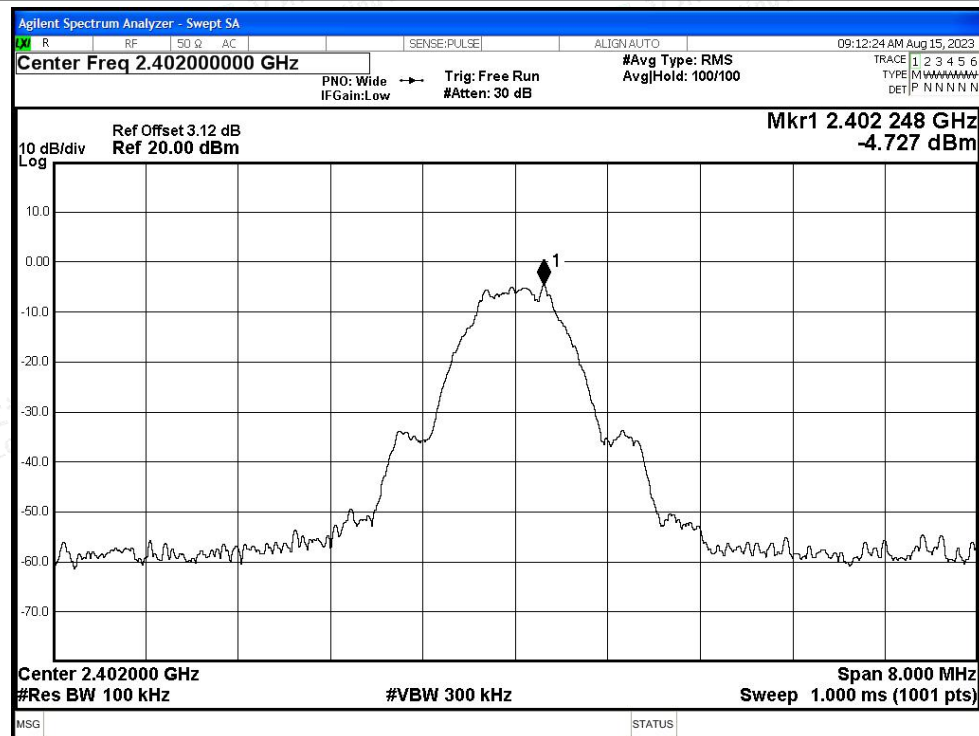
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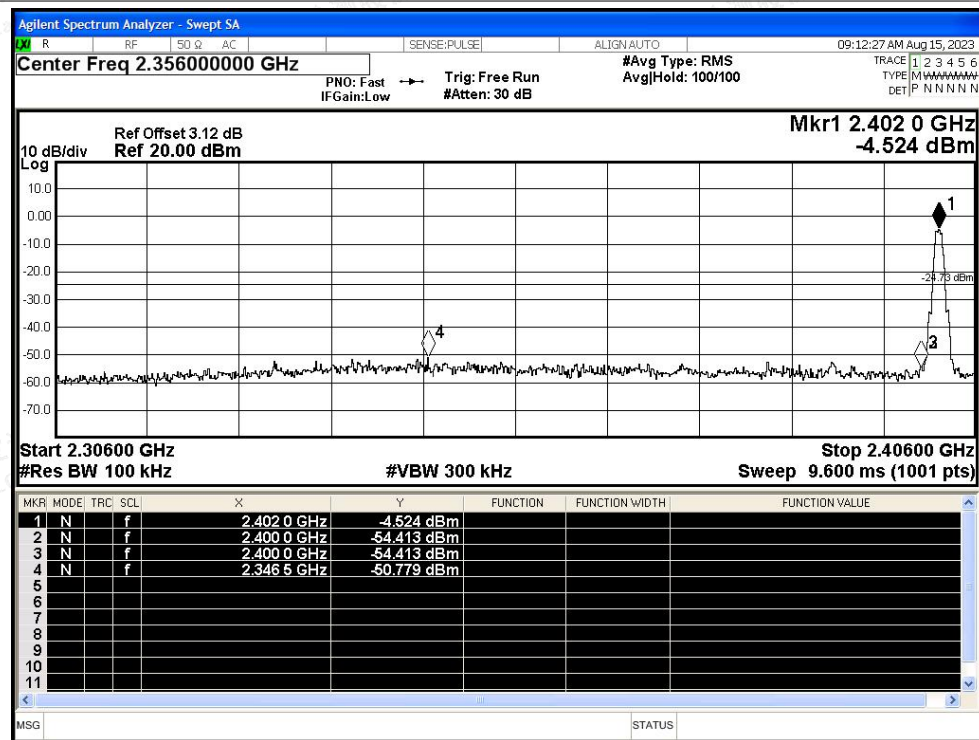


Test Graphs

Band Edge NVNT BLE 1M 2402MHz Ant1 Ref



Band Edge NVNT BLE 1M 2402MHz Ant1 Emission



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